



**Energy Information Administration**  
Washington, DC

# Weekly Coal Production

Production for Week Ended:  
April 11, 1987



## Preface

### The WCP

The *Weekly Coal Production* (WCP) provides weekly production estimates of U.S. coal by state, as well as supplementary data which are published twice a month. Supplement 1 includes monthly statistics on U.S. coal production and aggregated annual historical data on coal supply and demand, consumption, stocks, imports, and exports. Supplement 2 contains monthly data covering electric utility coal consumption, stocks, and receipts; and coal imports and exports.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1985*, and *Coal Data: A Reference*.

This publication was prepared by Judith Wood under the direction of John E. Daniels, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202/586-8800).*

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# Highlights

U.S. coal production in the week ended April 11, 1987, as estimated by the Energy Information Administration, totaled 17.0 million short tons (bituminous coal and lignite, 16.9 million short tons; Pennsylvania anthracite, .09 million short tons). This was 13.2 percent higher than in the previous week, and was 5.5 percent lower than production in the corresponding week of 1986.

The production in the previous week was low partly due to a United Mine Workers of America (UMWA) holiday. The effects of the UMWA strikes in Arizona, New Mexico, Colorado and

Montana have been mitigated in some cases due to offsetting shipments from other mines in the region.

Cumulative U.S. coal production from January 1 through April 11, 1987, was estimated at 242.6 million short tons, 6.7 percent below the 260.0 million short tons produced in the comparable period in 1986.

The methodology used to make weekly estimates of coal production was published in the Weekly Coal Production (DOE/EIA-0218(86/35)), released for publication on September 8, 1986.

Figure 1. Coal Production

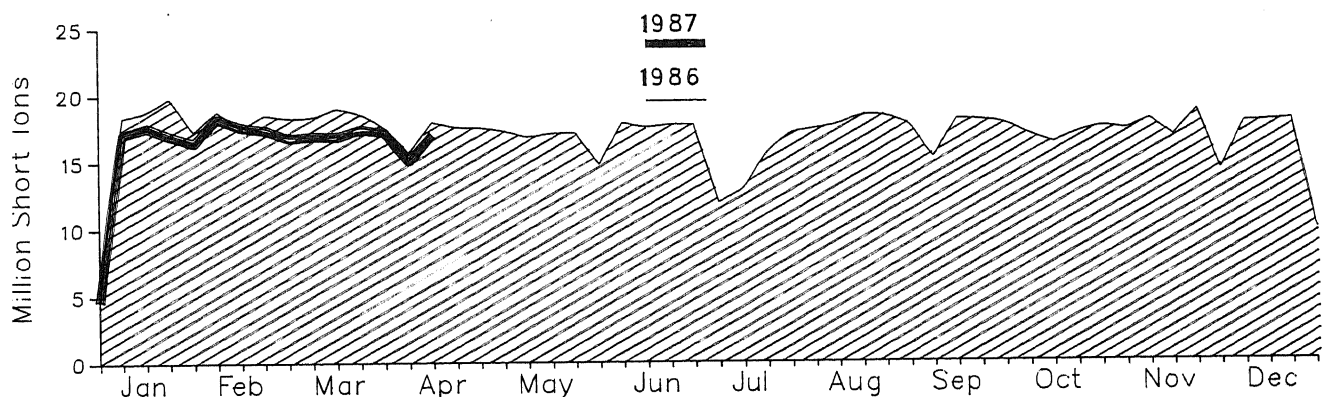


Table 1. Coal Production

Production and Carloadings	Week Ended			Year to Date		
	04/11/87	04/04/87	04/12/86	04/11/87	04/12/86	Percent Change
Production (Thousand Short Tons)						
Bituminous <sup>1</sup> and Lignite	16,895	14,927	17,890	241,427	259,084	-6.8
Pennsylvania Anthracite	85	77	72	1,187	887	33.7
U.S. Total	16,980	15,004	17,962	242,614	259,972	-6.7
Railroad Cars Loaded	107,658	92,920	115,248	1,503,449	1,599,240	

<sup>1</sup>Includes subbituminous coal.

Note: 1986 and 1987 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report" and State mining agency coal production reports.

Table 2. Coal Production by State  
(Thousand Short Tons)

Region and State	Week Ended		
	04/11/87	04/04/87	04/12/86
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
East of the Mississippi	10,837	9,716	11,829
Alabama	433	395	521
Illinois	1,295	1,116	1,347
Indiana	557	508	652
Kentucky	3,131	2,684	3,263
Kentucky, Eastern	2,329	1,997	2,435
Kentucky, Western	801	687	828
Maryland	90	77	96
Ohio	703	628	728
Pennsylvania Bituminous	1,273	1,309	1,405
Tennessee	110	105	143
Virginia	773	720	900
West Virginia	2,473	2,174	2,774
West of the Mississippi	6,057	5,211	6,061
Alaska	24	21	31
Arizona	86	67	234
Arkansas	1	1	2
Colorado	325	246	322
Iowa	8	7	10
Kansas	19	17	20
Louisiana	62	51	51
Missouri	101	99	122
Montana	682	608	554
New Mexico	234	147	434
North Dakota	453	404	455
Oklahoma	70	60	76
Texas	833	736	889
Utah	295	196	252
Washington	80	71	98
Wyoming	2,783	2,481	2,511
Bituminous <sup>1</sup> and Lignite Total	16,895	14,927	17,890
Pennsylvania Anthracite	85	77	72
U.S. Total	16,980	15,004	17,962

<sup>1</sup>Includes subbituminous coal.

Note: 1986 and 1987 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report" and State mining agency coal production reports.

**Table 3. Coal Production by State  
(Thousand Short Tons)**

Region and State	March 1987	February 1987	March 1986	Year to Date		
				1987	1986	Percent Change
Bituminous Coal <sup>1</sup> and Lignite						
East of the Mississippi .....	48,622	44,832	49,187	137,879	145,145	-5.0
Alabama .....	2,072	1,964	2,251	6,085	6,512	-6.6
Illinois .....	5,503	5,158	5,301	16,407	16,270	.8
Indiana .....	2,629	2,409	2,903	7,562	8,433	-10.3
Kentucky .....	13,578	12,430	13,447	38,506	38,986	-1.2
Kentucky, Eastern .....	10,102	9,248	9,943	28,649	28,916	-.9
Kentucky, Western .....	3,476	3,182	3,504	9,858	10,071	-2.1
Maryland .....	390	353	362	1,107	898	23.3
Ohio .....	3,161	2,826	3,294	8,733	9,678	-9.8
Pennsylvania Bituminous .....	6,259	5,838	5,951	17,342	17,683	-1.9
Tennessee .....	556	536	721	1,654	2,067	-20.0
Virginia .....	3,563	3,335	3,784	9,828	11,100	-11.5
West Virginia .....	10,911	9,983	11,171	30,656	33,519	-8.5
West of the Mississippi .....	24,779	24,645	28,382	77,219	83,391	-7.4
Alaska .....	123	122	114	373	352	5.7
Arizona .....	658	730	1,025	2,151	2,991	-28.1
Arkansas .....	5	4	4	13	12	13.2
Colorado .....	1,126	1,058	1,396	3,173	4,193	-24.3
Iowa .....	36	33	46	103	137	-25.0
Kansas .....	69	58	132	187	327	-42.9
Louisiana .....	260	181	166	630	553	13.9
Missouri .....	482	435	430	1,405	1,255	11.9
Montana .....	2,680	2,599	2,916	8,312	8,484	-2.0
New Mexico .....	950	1,468	1,852	4,059	5,598	-27.5
North Dakota .....	1,877	1,826	2,320	5,831	6,680	-12.7
Oklahoma .....	254	242	293	854	890	-4.1
Texas .....	3,612	3,391	4,159	10,514	12,321	-14.7
Utah .....	911	841	1,390	2,568	4,204	-38.9
Washington .....	347	316	430	992	1,252	-20.8
Wyoming .....	11,391	11,342	11,710	36,056	34,141	5.6
Bituminous <sup>1</sup> and Lignite Total .....	73,401	69,477	77,569	215,098	228,536	-5.9
Pennsylvania Anthracite .....	389	337	260	1,053	765	37.7
U.S. Total .....	73,791	69,814	77,829	216,152	229,301	-5.7

<sup>1</sup> Also includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; and State mining agency coal production reports.

**Table 4. Coal Supply and Demand: 1975-1987**  
(Thousand Short Tons)

Year and Month	Production	Consumption	Imports <sup>1</sup>	Exports <sup>2</sup>	Consumer Stocks <sup>3</sup>
1975 .....	654,641	562,641	940	66,309	128,050
1976 .....	684,913	603,790	1,203	60,021	134,438
1977 .....	697,205	625,291	1,647	54,312	157,098
1978 .....	670,164	625,225	2,953	40,714	145,551
1979 .....	781,134	680,524	2,059	66,042	181,646
1980 .....	829,700	702,729	1,194	91,742	204,028
1981 .....	823,775	732,627	1,043	112,541	185,274
1982 .....	838,112	706,911	742	106,277	195,254
1983 .....	782,091	736,672	1,271	77,772	168,654
1984 .....	895,921	791,296	1,285	81,483	197,211
1985					
January .....	68,261	R 74,849	126	5,817	R 183,614
February .....	67,233	R 65,777	101	6,030	R 177,091
March .....	77,744	R 64,857	103	6,696	R 179,454
April .....	76,541	R 61,753	203	7,065	R 184,917
May .....	78,382	R 64,797	159	9,231	R 187,542
June .....	73,237	R 66,978	138	7,913	R 188,013
July .....	69,228	74,162	177	7,314	R 179,258
August .....	79,622	R 73,102	264	10,422	R 176,068
September .....	73,977	66,673	182	8,095	R 176,195
October .....	80,158	65,033	128	8,744	R 180,121
November .....	69,268	R 64,866	111	8,134	R 177,690
December .....	69,989	R 75,201	260	7,220	R 170,234
Total .....	883,638	818,049	1,952	92,680	
1986					
January .....	78,543	R 75,905	154	5,935	R 165,311
February .....	72,929	R 65,942	209	5,158	R 163,765
March .....	77,829	R 64,546	122	6,152	R 166,398
April .....	75,195	R 58,921	214	8,302	R 173,434
May .....	73,432	R 61,559	172	8,545	R 177,401
June .....	72,967	R 68,193	190	7,323	R 176,018
July .....	68,116	76,787	178	7,780	R 162,856
August .....	76,879	70,590	171	7,718	R 162,161
September .....	75,355	65,293	188	8,189	R 164,887
October .....	77,262	63,176	110	7,205	R 170,305
November .....	69,044	63,679	319	6,676	R 174,171
December .....	70,604	69,788	185	6,536	R 175,230
Total .....	888,155	804,377	2,212	85,518	
1987					
January .....	72,547	NA	134	5,471	157,061
February .....	69,814	NA	NA	NA	NA
March .....	73,791	NA	NA	NA	NA
Year-to-date .....	216,152	NA	134	5,471	NA

<sup>1</sup> Includes Puerto Rico.

<sup>2</sup> 1973 through 1977 excludes lignite but includes anthracite shipments to U.S. Armed Forces overseas.

<sup>3</sup> The Residential and Commercial Sector is not included. Stocks are reported as of the last day of the period.

NA Not available.

R Revised.

Note: Total may not equal sum of components because of independent rounding.

Sources: Production: Energy Information Administration (EIA) Form EIA-6, "Coal Distribution Report"; and State mining agency coal production reports. Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145." Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522." Consumption and Consumer Stocks: EIA, Form EIA-759, "Monthly Power Plant Report"; Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; and Form EIA-6, "Coal Distribution Report."

**Table 5. Bituminous Coal and Lignite Supply and Demand: 1975-1987**  
(Thousand Short Tons)

Year and Month	Production	Consumption	Imports <sup>1</sup>	Exports <sup>2</sup>	Consumer Stocks <sup>3</sup>
1975 .....	648,438	557,535	940	65,669	126,917
1976 .....	678,685	598,750	1,203	59,406	133,315
1977 .....	691,344	620,488	1,647	53,687	154,655
1978 .....	665,127	621,330	2,953	39,848	143,213
1979 .....	776,299	677,286	2,059	64,809	178,100
1980 .....	823,644	699,061	1,194	89,947	199,077
1981 .....	818,352	728,543	1,043	110,292	179,607
1982 .....	833,523	703,561	742	105,297	189,085
1983 .....	778,003	733,850	1,271	76,996	162,070
1984 .....	891,759	R 788,207	1,286	80,802	190,410
1985					
January .....	67,921	R 74,560	126	5,802	176,812
February .....	66,897	R 65,529	101	6,008	R 170,279
March .....	77,347	R 64,640	103	6,634	R 172,603
April .....	76,241	61,486	203	6,995	178,008
May .....	77,979	64,575	159	9,063	R 180,560
June .....	72,731	R 66,783	138	7,785	180,940
July .....	68,821	R 73,961	177	7,249	R 172,137
August .....	79,212	R 72,898	264	10,253	168,888
September .....	73,596	R 66,474	182	7,976	168,945
October .....	79,711	R 64,764	128	8,493	172,797
November .....	68,881	64,589	111	7,970	R 170,399
December .....	69,593	74,874	260	7,165	R 162,976
Total .....	878,930	R 815,132	1,952	91,394	
1986					
January .....	78,282	R 75,635	154	5,927	R 158,062
February .....	72,686	R 65,711	209	5,151	R 156,530
March .....	77,569	R 64,317	122	6,091	R 159,192
April .....	74,894	R 58,670	214	8,184	R 166,250
May .....	73,137	R 61,375	172	8,492	R 170,214
June .....	72,671	R 68,030	190	7,172	R 168,819
July .....	67,818	76,621	178	7,584	155,648
August .....	76,549	70,430	171	7,556	154,993
September .....	75,022	65,132	188	7,915	157,690
October .....	76,832	62,964	110	7,067	163,094
November .....	68,671	63,431	319	6,177	160,000
December .....	70,264	69,496	185	6	
Total .....	884,395	801,811	2,212	81	

**Table 6. Anthracite Supply and Demand: 1975-1987**  
(Thousand Short Tons)

Year and Month	Production	Consumption	Imports <sup>1</sup>	Exports <sup>2</sup>	Consumer Stocks <sup>3</sup>
1975 .....	6,203	5,106	-	640	1,133
1976 .....	6,228	5,040	-	615	1,123
1977 .....	5,861	4,803	-	625	2,444
1978 .....	5,037	3,895	-	866	2,338
1979 .....	4,835	3,238	-	1,233	3,546
1980 .....	6,056	3,667	-	1,795	4,951
1981 .....	5,423	4,084	-	2,249	5,667
1982 .....	4,588	3,349	-	980	6,169
1983 .....	4,089	2,823	-	776	6,584
1984 .....	4,162	R 3,088	-	680	6,800
1985					
January .....	340	R 289	-		
February .....	336	R 248	-	15	R 6,802
March .....	397	R 218	-	22	6,812
April .....	300	268	-	62	R 6,850
May .....	403	R 222	-	69	6,909
June .....	506	R 195	-	168	R 6,982
July .....	407	202	-	128	7,073
August .....	409	203	-	64	R 7,121
September .....	381	200	-	169	7,179
October .....	447	R 268	-	119	7,249
November .....	386	R 277	-	250	R 7,324
December .....	396	327	-	164	7,291
Total .....	4,708	R 2,917	-	55	7,258
1986				1,286	
January .....	261	R 271	-		
February .....	243	R 231	-	8	R 7,249
March .....	260	R 229	-	7	R 7,236
April .....	300	R 251	-	61	R 7,207
May .....	294	R 184	-	118	R 7,184
June .....	297	R 163	-	52	R 7,187
July .....	298	166	-	150	R 7,199
August .....	330	160	-	195	7,208
September .....	333	161	-	162	7,168
October .....	431	212	-	274	7,197
November .....	373	248	-	138	7,211
December .....	340	292	-	199	7,175
Total .....	3,760	2,566	-	95	7,157
1987				1,460	
January .....	327	NA	-		
February .....	337	NA	-	11	7,091
March .....	389	NA	-	NA	NA
Year-to-date .....	1,053	NA	-	NA	NA
				11	

<sup>1</sup> Includes Puerto Rico.

<sup>2</sup> Includes anthracite shipments to U.S. Armed Forces overseas.

<sup>3</sup> The Residential and Commercial Sector is not included. Stocks are reported as of the last day of the period.

NA Not available.

R Revised.

Note: Total may not equal sum of components because of independent rounding

Sources: Production: Energy Information Administration (EIA) Form EIA-6, "Coal Distribution Report"; and State mining agency coal production reports. Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145". Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522". Consumption and Consumer Stocks: EIA, Form EIA-759, "Monthly Power Plant Report"; Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; and Form EIA-6, "Coal Distribution Report".



**Table 7. Coal Consumption: 1975-1987**  
(Thousand Short Tons)

Year and Month	Electric Utilities	Industrial		Residential and Commercial	Total
		Coke Plants	Other Industrial <sup>1</sup>		
1975 .....	485,962	83,598	63,670	9,410	562,641
1976 .....	448,371	84,704	61,799	8,916	603,790
1977 .....	477,126	77,739	61,472	8,954	625,291
1978 .....	481,235	71,394	63,085	9,511	625,225
1979 .....	527,051	77,368	67,717	8,388	680,524
1980 .....	569,274	66,657	60,347	6,451	702,729
1981 .....	596,797	61,014	67,395	7,421	732,627
1982 .....	593,666	40,908	64,097	8,240	706,911
1983 .....	625,211	37,033	65,980	8,448	736,672
1984 .....	664,399	44,022	73,745	9,130	791,296
1985					
January .....	63,645	3,463	R 6,911	830	R 74,849
February .....	55,491	3,282	R 6,278	726	R 65,777
March .....	54,784	3,511	R 6,046	518	R 64,857
April .....	50,903	3,851	6,236	764	R 61,753
May .....	54,595	3,778	5,962	461	R 64,797
June .....	57,634	3,284	5,696	365	R 66,978
July .....	64,252	3,437	5,950	523	74,162
August .....	63,076	3,420	R 6,112	494	R 73,102
September .....	56,780	3,361	R 5,877	656	66,673
October .....	54,969	3,165	6,183	716	65,033
November .....	54,311	3,192	6,605	758	R 64,866
December .....	63,402	R 3,313	7,517	969	R 75,201
Total .....	693,841	41,056	75,372	7,779	818,049
1986					
January .....	R 64,034	3,508	R 7,471	R 893	R 75,905
February .....	R 55,050	3,324	R 6,787	R 781	R 65,942
March .....	53,898	3,555	R 6,535	R 557	R 64,546
April .....	48,114	3,602	R 6,401	R 805	R 58,921
May .....	51,420	3,533	R 6,120	R 486	R 61,559
June .....	58,892	3,071	R 5,846	R 384	R 68,193
July .....	68,021	2,591	5,704	470	76,787
August .....	61,709	2,578	5,859	444	70,590
September .....	R 56,536	2,534	5,634	589	65,293
October .....	54,116	2,523	5,874	662	63,176
November .....	54,158	2,545	6,276	701	63,679
December .....	59,108	2,641	7,142	896	69,788
Total .....	R 685,056	36,006	75,649	7,667	804,377
1987					
January .....	62,418	NA	NA	NA	NA
February .....	NA	NA	NA	NA	NA
March .....	NA	NA	NA	NA	NA
Year-to-date .....	62,418	NA	NA	NA	NA

<sup>1</sup> Includes transportation.

NA Not available.

R Revised.

Note: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report" Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" and Form EIA-6, "Coal Distribution Report" Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Table 8. Bituminous Coal and Lignite Consumption: 1975-1987  
(Thousand Short Tons)

Year and Month	Electric Utilities	Industrial		Residential and Commercial	Total
		Coke Plants	Other Industrial <sup>1</sup>		
1975 .....	404,483	83,272	62,498	7,282	557,535
1976 .....	447,021	84,324	60,505	6,900	598,750
1977 .....	475,701	77,369	60,398	7,020	620,488
1978 .....	480,171	71,078	62,167	7,914	621,330
1979 .....	526,005	77,009	67,141	7,131	677,286
1980 .....	568,322	66,493	59,322	4,924	699,061
1981 .....	595,575	60,888	66,639	5,440	728,543
1982 .....	592,591	40,859	63,513	6,598	703,561
1983 .....	624,175	37,005	65,581	7,090	733,850
1984 .....	663,329	R 43,988	73,227	R 7,663	R 788,207
1985					
January .....	63,557	3,461	R 6,858	684	R 74,560
February .....	55,420	3,280	R 6,230	R 599	R 65,529
March .....	54,706	3,508	R 5,999	427	R 64,640
April .....	50,810	3,649	6,189	638	61,486
May .....	54,497	3,776	5,917	385	64,575
June .....	57,545	R 3,281	5,653	R 305	R 66,783
July .....	64,160	3,434	5,910	456	R 73,961
August .....	62,980	3,417	6,071	431	R 72,898
September .....	56,706	3,358	5,837	572	R 66,474
October .....	54,884	3,163	6,140	R 578	R 64,764
November .....	54,228	3,190	6,559	612	64,589
December .....	63,316	3,311	7,464	783	74,874
Total .....	692,808	R 41,026	74,827	R 6,470	R 815,132
1986					
January .....	R 63,967	3,505	R 7,419	743	R 75,635
February .....	R 55,000	3,322	R 6,740	650	R 65,711
March .....	53,810	3,553	R 6,490	R 463	R 64,317
April .....	48,030	3,599	R 6,360	R 681	R 58,670
May .....	51,352	3,531	R 6,081	R 411	R 61,375
June .....	58,828	3,069	R 5,809	R 325	R 68,030
July .....	67,954	2,589	5,672	406	76,621
August .....	R 61,645	2,576	5,826	383	70,430
September .....	56,489	2,532	5,602	509	65,132
October .....	54,059	2,519	5,840	545	62,964
November .....	54,074	2,541	6,239	577	63,431
December .....	59,020	2,637	7,101	738	69,496
Total .....	684,227	35,973	75,178	6,433	801,811
1987					
January .....	62,350	NA	NA	NA	NA
February .....	NA	NA	NA	NA	NA
March .....	NA	NA	NA	NA	NA
Year-to-date .....	62,350	NA	NA	NA	NA

<sup>1</sup> Includes transportation.

NA Not available.

R Revised.

Note: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report" Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" and Form EIA-6, "Coal Distribution Report" Residential and Commercial: Form EIA-6, "Coal Distribution Report."

**Table 9. Anthracite Consumption: 1975-1987**  
(Thousand Short Tons)

Year and Month	Electric Utilities	Industrial		Residential and Commercial	Total
		Coke Plants	Other Industrial <sup>1</sup>		
1975 .....	1,480	326	1,172	2,128	5,106
1976 .....	1,350	380	1,294	2,016	5,040
1977 .....	1,425	370	1,074	1,934	4,803
1978 .....	1,064	316	918	1,597	3,895
1979 .....	1,046	359	576	1,257	3,238
1980 .....	951	163	1,025	1,528	3,667
1981 .....	1,221	126	756	1,981	4,084
1982 .....	1,075	48	584	1,642	3,349
1983 .....	1,036	28	399	1,358	2,823
1984 .....	1,070	R 34	517	R 1,467	R 3,088
1985					
January .....	88	2	R 53	146	R 289
February .....	70	2	R 48	128	R 248
March .....	78	2	R 46	91	R 218
April .....	92	2	47	126	268
May .....	98	2	45	76	R 222
June .....	90	2	43	60	R 195
July .....	92	3	40	67	202
August .....	96	3	41	63	203
September .....	74	3	39	84	200
October .....	85	2	43	R 138	R 268
November .....	83	2	46	145	R 277
December .....	86	2	53	186	327
Total .....	1,033	R 30	545	1,309	R 2,917
1986					
January .....	67	2	R 52	R 150	R 271
February .....	50	2	R 47	R 131	R 231
March .....	88	2	R 46	R 93	R 229
April .....	84	3	R 41	124	R 251
May .....	68	3	R 39	75	R 184
June .....	64	2	R 37	59	R 163
July .....	67	2	32	64	166
August .....	64	2	33	60	160
September .....	47	2	32	80	161
October .....	57	4	34	117	212
November .....	84	4	36	124	248
December .....	88	4	41	158	292
Total .....	829	33	470	1,234	2,566
1987					
January .....	68	NA	NA	NA	NA
February .....	NA	NA	NA	NA	NA
March .....	NA	NA	NA	NA	NA
Year-to-date.....	68	NA	NA	NA	NA

<sup>1</sup> Includes transportation.

NA Not available.

R Revised.

Note: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report" Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" and Form EIA-6, "Coal Distribution Report" Residential and Commercial: Form EIA-6, "Coal Distribution Report."

**Table 10. Coal Stocks: 1975-1987**  
(Thousand Short Tons)

Year and Month <sup>1</sup>	Consumers				Producers and Distributors
	Electric Utilities	Coke Plants	Other Industrial <sup>2</sup>	Total	
1975 .....	110,724	8,797	8,529	128,050	NA
1976 .....	117,436	9,902	7,100	134,438	NA
1977 .....	133,219	12,816	11,063	157,098	NA
1978 .....	128,225	8,278	9,048	145,551	NA
1979 .....	159,714	10,155	11,777	181,646	20,826
1980 .....	183,010	9,067	11,951	204,028	24,379
1981 .....	168,893	6,475	9,906	185,274	24,149
1982 .....	181,132	4,642	9,479	195,254	36,784
1983 .....	155,598	4,346	8,710	168,654	33,931
1984 .....	179,727	6,166	11,317	197,211	34,090
1985					
January .....	167,592	5,583	10,439	183,614	34,517
February .....	162,531	4,999	R 9,561	R 177,091	34,944
March .....	166,355	4,415	8,684	179,454	35,371
April .....	171,695	4,472	R 8,749	184,917	35,313
May .....	174,198	R 4,529	8,815	R 187,542	35,255
June .....	174,545	4,587	8,881	188,013	35,197
July .....	165,903	4,171	9,184	179,258	34,342
August .....	162,825	3,754	9,488	R 176,068	33,487
September .....	163,065	3,338	9,791	176,195	32,632
October .....	166,749	3,365	10,007	180,121	32,799
November .....	164,075	3,393	10,222	177,690	32,966
December .....	156,376	3,420	10,438	170,234	33,133
1986					
January .....	152,078	3,302	R 9,930	R 165,311	R 34,763
February .....	151,157	3,185	R 9,423	R 163,765	R 36,394
March .....	R 154,415	3,067	R 8,916	R 166,398	R 38,024
April .....	161,076	3,224	R 9,135	R 173,434	R 38,065
May .....	164,667	3,380	R 9,353	R 177,401	R 38,107
June .....	R 162,909	3,537	R 9,572	R 176,018	R 38,148
July .....	R 149,803	3,313	9,740	162,856	36,700
August .....	R 149,163	3,090	9,908	162,161	35,252
September .....	R 151,945	2,866	10,076	164,887	33,804
October .....	157,202	2,908	10,195	170,305	33,233
November .....	160,908	2,950	10,314	174,171	32,663
December .....	161,806	2,992	10,433	175,230	32,093
.....	157,061	NA	NA	NA	NA
.....	NA	NA	NA	NA	NA
.....	NA	NA	NA	NA	NA

<sup>1</sup> is of last day of period.  
<sup>2</sup> ing plants only.  
ible.

al may not equal sum of components because of independent rounding.  
Energy Information Administration (EIA) Electric Utilities: Form EIA-759; "Monthly Power Plant Report" Coke Plants: Form EIA-5; "Coke  
Quarterly Other Industrial: Form EIA-3; "Quarterly Coal Consumption Report - Manufacturing Plants" Producers and Distributors: Form  
tribution Report."

**Table 11. Bituminous Coal and Lignite Stocks: 1975-1987**  
(Thousand Short Tons)

Year and Month <sup>1</sup>	Consumers				Producers and Distributors
	Electric Utilities	Coke Plants	Other Industrial <sup>2</sup>	Total	
1975 .....	109,742	8,671	8,504	126,917	NA
1976 .....	116,436	9,804	7,075	133,315	NA
1977 .....	130,899	12,721	11,035	154,655	NA
1978 .....	126,047	8,162	9,004	143,213	NA
1979 .....	156,440	10,028	11,632	178,100	20,267
1980 .....	178,269	9,017	11,791	199,077	23,947
1981 .....	163,356	6,446	9,805	179,607	23,780
1982 .....	175,053	4,625	9,407	189,085	36,112
1983 .....	149,091	4,337	8,642	162,070	33,433
1984 .....	173,017	6,158	11,235	190,410	33,525
1985					
January .....	160,873	5,575	10,364	176,812	33,920
February .....	155,794	4,992	9,492	R 170,279	34,315
March .....	159,574	4,409	8,621	R 172,603	34,710
April .....	164,859	4,466	8,683	178,008	34,680
May .....	167,293	4,522	R 8,745	R 180,560	34,649
June .....	167,555	4,579	8,806	180,940	34,619
July .....	158,858	4,164	R 9,115	R 172,137	33,800
August .....	155,716	3,749	9,423	168,888	32,981
September .....	155,880	3,334	R 9,732	168,945	32,162
October .....	159,491	3,359	R 9,948	172,797	32,347
November .....	156,852	3,384	10,164	R 170,399	32,532
December .....	149,188	3,409	10,380	R 162,976	32,717
1986					
January .....	144,896	3,293	R 9,874	R 158,062	R 34,328
February .....	143,986	3,177	R 9,367	R 156,530	R 35,939
March .....	R 147,269	3,061	R 8,861	R 159,192	R 37,550
April .....	153,949	3,217	R 9,084	R 166,250	R 37,560
May .....	157,534	3,373	R 9,307	R 170,214	R 37,569
June .....	R 155,761	3,529	R 9,529	R 168,819	R 37,579
July .....	R 142,645	3,306	9,697	155,648	36,143
August .....	R 142,046	3,083	9,864	154,993	34,707
September .....	R 144,799	2,860	10,031	157,690	33,270
October .....	150,044	2,902	10,148	163,094	32,707
November .....	153,788	2,943	10,265	166,996	32,144
December .....	154,707	2,985	10,382	168,073	31,581
1987					
January .....	149,970	NA	NA	NA	NA
February .....	NA	NA	NA	NA	NA
March .....	NA	NA	NA	NA	NA

<sup>1</sup> Reported as of last day of period.

<sup>2</sup> Manufacturing plants only.

NA Not available.

R Revised.

Note: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report" Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" Producers and Distributors: Form EIA-6, "Coal Distribution Report."

**Table 12. Anthracite Stocks: 1975-1987**  
(Thousand Short Tons)

Year and Month <sup>1</sup>	Consumers				Producers and Distributors
	Electric Utilities	Coke Plants	Other Industrial <sup>2</sup>	Total	
1975 .....	982	126	25	1,133	NA
1976 .....	1,000	98	25	1,123	NA
1977 .....	2,321	95	28	2,444	NA
1978 .....	2,178	116	44	2,338	NA
1979 .....	3,274	127	145	3,546	559
1980 .....	4,741	50	160	4,951	432
1981 .....	5,537	29	101	5,667	370
1982 .....	6,080	17	72	6,169	672
1983 .....	6,507	9	68	6,584	498
1984 .....	6,710	8	82	6,800	565
1985					
January .....	6,719	8	R 75	R 6,802	597
February .....	6,736	7	69	6,812	629
March .....	6,782	6	63	R 6,850	661
April .....	6,836	R 7	67	6,909	633
May .....	6,905	7	71	R 6,982	606
June .....	6,991	7	75	7,073	578
July .....	7,045	6	70	R 7,121	542
August .....	7,109	5	65	7,179	507
September .....	7,185	4	60	7,249	471
October .....	7,258	R 7	59	R 7,324	453
November .....	7,223	9	59	7,291	434
December .....	7,189	11	58	7,258	416
1986					
January .....	7,182	R 10	R 57	R 7,249	R 436
February .....	7,172	8	R 56	R 7,236	455
March .....	7,146	6	R 55	R 7,207	474
April .....	7,127	7	R 51	R 7,184	506
May .....	7,133	7	R 47	R 7,187	537
June .....	7,148	8	R 43	R 7,199	569
July .....	7,158	7	43	7,208	557
August .....	7,117	6	44	7,168	545
September .....	7,146	6	45	7,197	533
October .....	7,158	6	47	7,211	526
November .....	7,119	6	49	7,175	519
December .....	7,099	7	51	7,157	512
.....	7,091	NA	NA	NA	NA
y .....	NA	NA	NA	NA	NA
.....	NA	NA	NA	NA	NA

<sup>1</sup> Reported as of last day of period.

<sup>2</sup> Manufacturing plants only.

NA = Not available.

NA = Not available.

Note: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759; "Monthly Power Plant Report" Coke Plants: Form EIA-5; "Coke Plant - Quarterly" Other Industrial: Form EIA-3; "Quarterly Coal Consumption Report - Manufacturing Plants" Producers and Distributors: Form EIA-4; "Quarterly Coal Distribution Report."

**Table 13. Coal Exports: 1973-1987**  
(Thousand Short Tons)

Year and Month	Bituminous			Lignite <sup>1</sup>	Anthracite	Coke	Briquettes
	Metallurgical	Steam <sup>2</sup>	Total				
1973 .....	42,607	10,263	52,870	—	717	1,395	3 7
1974 .....	51,594	8,332	59,926	—	735	1,278	3 48
1975 .....	51,597	14,072	65,669	—	640	1,273	3 16
1976 .....	47,804	11,602	59,406	—	615	1,315	3 19
1977 .....	41,891	11,796	53,687	—	625	1,241	3 21
1978 .....	30,240	9,585	39,825	23	866	693	60
1979 .....	50,698	14,085	64,783	26	1,233	1,440	17
1980 .....	63,103	26,779	89,882	65	1,795	2,071	34
1981 .....	65,234	45,010	110,243	49	2,249	1,170	70
1982 .....	64,585	40,659	105,244	53	980	993	119
1983 .....	49,964	26,905	76,870	126	776	665	108
1984 .....	56,975	23,818	80,793	9	680	1,045	111
1985							
January .....	4,712	1,089	5,801	1	15	92	(*)
February .....	4,715	1,293	6,008	(*)	22	30	1
March .....	4,934	1,700	6,634	(*)	62	23	(*)
April .....	4,320	2,669	6,989	6	69	28	2
May .....	5,582	3,477	9,059	4	168	210	1
June .....	4,896	2,885	7,781	4	128	109	2
July .....	4,245	3,002	7,247	2	64	113	15
August .....	7,169	3,076	10,245	9	169	58	15
September .....	4,722	3,253	7,975	1	119	156	13
October .....	5,337	3,155	8,492	2	250	95	14
November .....	4,859	3,109	7,969	1	164	125	21
December .....	4,822	2,340	7,162	3	55	83	(*)
Total .....	60,313	31,048	91,361	33	1,286	1,122	85
1986							
January .....	4,466	1,456	5,922	5	8	47	(*)
February .....	3,402	1,743	5,145	6	7	15	(*)
March .....	4,366	1,722	6,089	2	61	78	(*)
April .....	5,697	2,484	8,181	3	118	59	1
May .....	5,514	2,975	8,489	3	52	109	(*)
June .....	4,551	2,615	7,166	6	150	79	(*)
July .....	4,698	2,880	7,579	6	195	77	15
August .....	4,586	2,967	7,553	3	162	237	1
September .....	5,217	2,697	7,915	(*)	274	18	(*)
October .....	4,048	3,018	7,066	1	138	—	—
November .....	3,810	2,665	6,475	1	—	—	—
December .....	4,621	1,816	6,436	—	—	—	—
Year to Date .....	54,977	29,040	84,017	—	—	—	—
1987							
January .....	4,118	1,339	5,457	—	—	—	—
Year to Date .....	4,118	1,339	5,457	—	—	—	—

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

<sup>3</sup> Includes lignite.

(\*) Rounded to zero

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Coal Exports."

**Table 14. Coal Imports <sup>1</sup>: 1973-1987**  
(Thousand Short Tons)

Year and Month	Bituminous <sup>2</sup>	Coke	Briquettes
1973 .....	127	1,094	7
1974 .....	2,080	3,540	48
1975 .....	940	1,819	16
1976 .....	1,203	1,311	19
1977 .....	1,647	1,829	21
1978 .....	2,953	5,722	81
1979 .....	2,059	3,974	26
1980 .....	1,194	659	33
1981 .....	1,043	527	19
1982 .....	742	120	22
1983 .....	1,271	35	20
1984 .....	1,286	582	1
1985			
January .....	126	111	(*)
February .....	101	88	-
March .....	103	28	1
April .....	203	49	(*)
May .....	159	88	(*)
June .....	138	23	1
July .....	177	45	1
August .....	264	3	(*)
September .....	182	44	28
October .....	128	44	-
November .....	111	14	18
December .....	260	42	30
Total .....	1,952	578	80
1986			
January .....	154	45	(*)
February .....	209	3	-
March .....	122	43	20
April .....	214	42	(*)
May .....	172	2	(*)
June .....	190	85	-
July .....	178	8	-
August .....	171	8	-
September .....	188	1	-
October .....	110	43	-
November .....	319	6	-
December .....	185	43	-
Total to Date .....	2,212	329	21
.....	134	9	-
Total to Date .....	134	9	-

<sup>1</sup> Includes Puerto Rico.

<sup>2</sup> Includes lignite.

Values rounded to zero.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."



# EIA Coal Datatapes and Models

## Coal Datatapes

The **Coal Distribution** datatape contains cumulative quarterly (for the current year) and annual data (for other years) since 1980, (available approximately June 1987).

The **Coal Production** datatape contains annual data, which begins in 1979 (available approximately June 1987).

The **Quarterly Coal Report** datatape contains quarterly data, which begins in 1980 (available approximately June 1987).

**Weekly Coal Production:** Current weekly coal production data is available electronically over 300 or 1200 baud asynchronous lines requiring only a standard ASCII-type user terminal. (This service is free of charge).

## Coal Models

**Coal Supply and Transportation Model (CSTM)** is used to forecast coal production levels and coal transportation flows. This model was used to develop projections which appear in *Outlook for U.S. Coal Imports*, the *Annual Energy Outlook*, and the *Annual Outlook for U.S. Coal*, served as the basis for a 1983 EIA report on rail deregulation and a 1985 EIA report on coal slurry pipelines, and provides forecasts for several other EIA coal and multi-fuel reports. (Order number is PB86-106259.) To obtain further information about contents, contact William Orchard-Hays, (202) 586-6856.

**International Coal Trade Model (ICTM)** projects coal trade flows and represents both all the major coal exporting countries and countries with the potential to become major coal exporters. (Order number is PB85-233781.) For further information about contents, contact Ercan Tukenmez, (202) 586-5253.

**National Coal Model (NCM)** is the most comprehensive and complex of EIA's coal models. Its most important role is to serve as the basis for coal supply and demand projections appearing in the *Annual Energy Outlook (AEO)*. (Order number is PB86-126372 /AS.) For further information, contact William Orchard-Hays, (202) 586-6856.

**Resource Allocation and Mine Costing (RAMC) Model** uses coal reserves and cost estimates for the development of new mines to construct long-term supply curves relating coal prices and production for specific types of coal, supply regions, and mining methods. These supply curves are used in the CSTM, ICTM, and NCM. (Order number is PB85-181626.) Additional information is available from William Orchard-Hays, (202) 586-6856.

**Short-Term Coal Analysis System (SCOAL)** is a series of equations used to project quarterly coal production trends by State. SCOAL projections appear in the *Short-Term Energy Outlook*, EIA's quarterly summary of fuel price and supply projections, and the *Quarterly Coal Report*. (Order number for the quarterly tape is PB84-2354472.) For further information on the data, contact Fred Freme, (202) 586-1487.

**NOTE:** To order coal model tapes or datatapes, you may contact the National Technical Information Service, U.S. Department of Commerce, at (703) 487-4650. For information about accessing *Weekly Coal Production* data electronically, contact Hans Becker of EIA, (202) 586-6874.

The current price for model tapes and datatapes is \$175.

# EIA Coal Publications

## **Data Reports**

*Coal Production* reports annual coal production mine price, average daily production, daily productive capacity, mine stocks, recoverable reserves, average recovery percentage, average productivity per miner, average number of miners working daily, number of days worked, and the Nation's demonstrated reserve base (DRB). (Issued annually, \$6.50, 131 pages.)

*Coal Data: A Reference* is a comprehensive overview of U.S. coal mining which is designed to be of value to both laypersons and technicians. It summarizes current and historical production, consumption, stocks, and prices. (Issued biennially.)

*Coal Distribution* details shipments of coal by State of destination, consuming sector, mode of transportation, and coal-producing district of origin. It also surveys production and producer/distributor stocks. (Issued quarterly, \$4.25 for single copy, \$15 for annual subscription, 108 pages.)

*Quarterly Coal Report* highlights coal-related legislation and industry trends; and quarterly coal production, coal exports and imports, domestic coal consumption, receipts, and stocks. (Issued quarterly, \$4.75 for single copy, \$17 for annual subscription, 136 pages.)

*Weekly Coal Production* reports weekly carloadings of coal and estimates weekly national and State coal production levels by rank of coal. Special monthly supplements report: 1.) detailed monthly data on export tonnages and prices of coal, coke, and briquettes; and coal receipts, consumption, and stocks at electric utilities, and 2.) summary data on coal production, consumption, stocks, and exports and imports by rank. (Issued weekly, pages vary from 4 to approximately 42 pages, \$57 for annual subscription.)

## **Analytical Reports**

*Annual Outlook for U.S. Coal* expands on the coal forecasts of the *Annual Energy Outlook*, EIA's volume on multi-fuel price, supply and demand projections to the year 1995. By focusing on a single fuel, the *Annual Outlook for U.S. Coal* clarifies how the projections were made, discusses major coal industry issues, and provides additional detailed projections. (Issued annually, \$2.25, 44 pages.)

*Annual Prospects for World Coal Trade* projects U.S. coal exports and imports, analyzes world coal trade flows, and highlights both current and potential major coal exporting countries. (Issued annually, available in June 1987.) A special issue of this report entitled *Outlook for U.S. Coal Imports* projects U.S. coal imports and exports, analyzes key trends in the international coal trade market, and studies the impact of coal imports on the U.S. domestic and foreign coal markets. (One-time report, \$3.25, 66 pages.)

*Coal Exports: The European Market* is the companion report to EIA's study on the Asian market. The report analyzes the current structure of the European coal market and highlights information on the coal industry of each country that competes with U.S. coal exports to Europe. (Issued in January 1987, \$2.50, 48 pages.)

To order these reports or to learn more about them, contact the National Energy Information Center at (202) 586-8800.

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